

Fig. 1 (Prior Art)

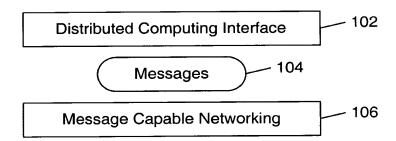


Fig. 2

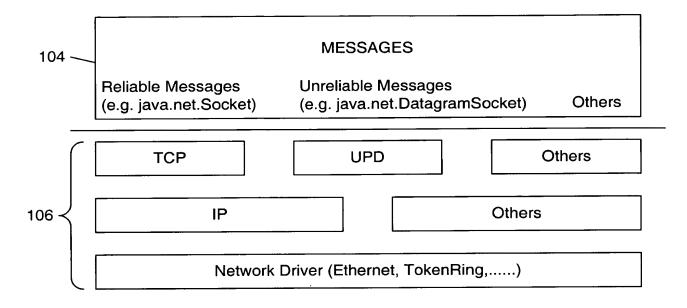


Fig. 3

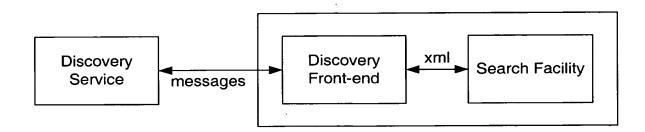


Fig. 4

Dynamic	Client Profile
Claim and Release (a lease) Find (an object)	
Write and Take (an object) Notify on Write	
Public Apis	
Dynamic XML to / from Objects	
Send / Receive Byte Messages	
Connection Transport	

Static XML Message Definitions

Send / Receive Byte Messages

Connection Transport

Client Profile

Static

Fig. 5

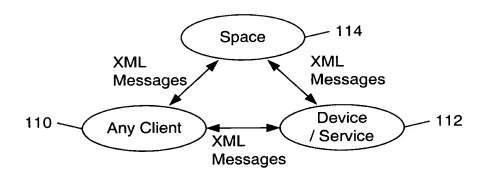


Fig. 6

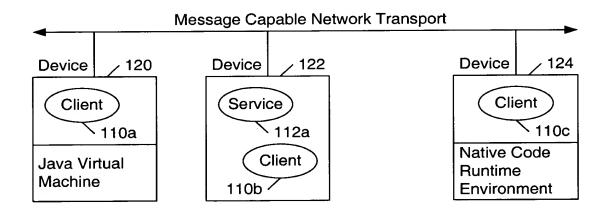


Fig. 7

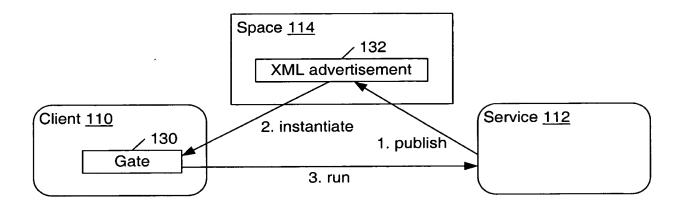


Fig. 8

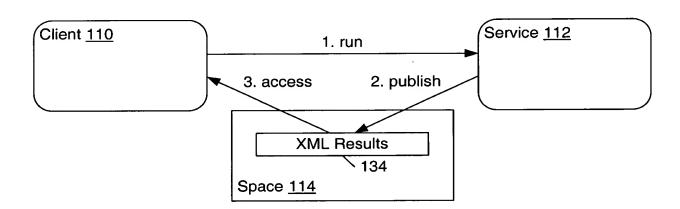


Fig. 9

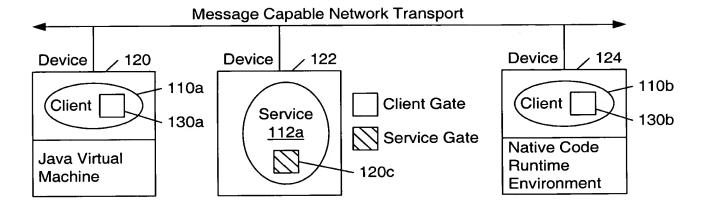


Fig. 10a

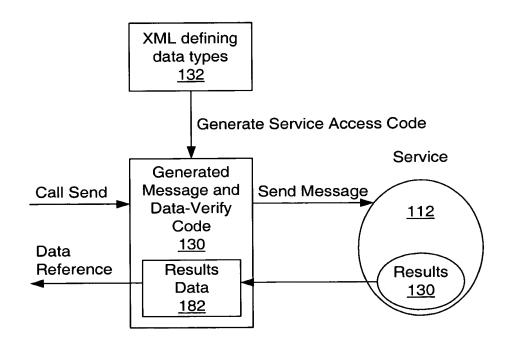
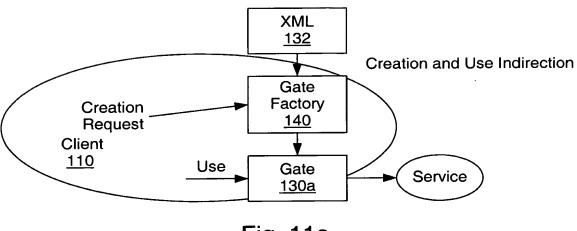


Fig. 10b





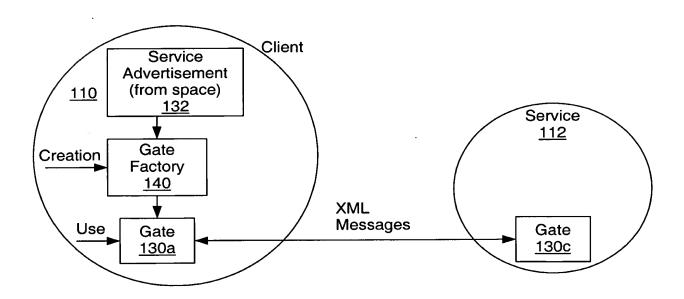


Fig. 11b

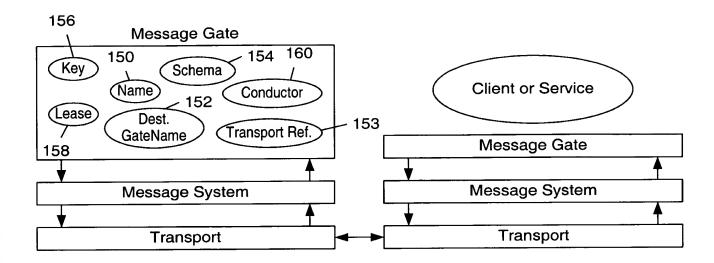


Fig. 12

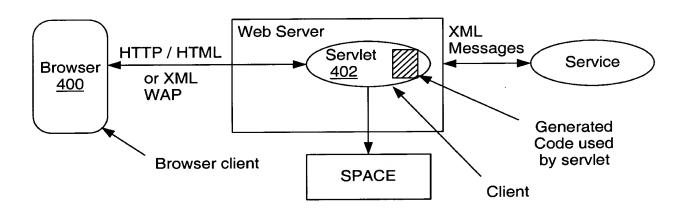


Fig. 13

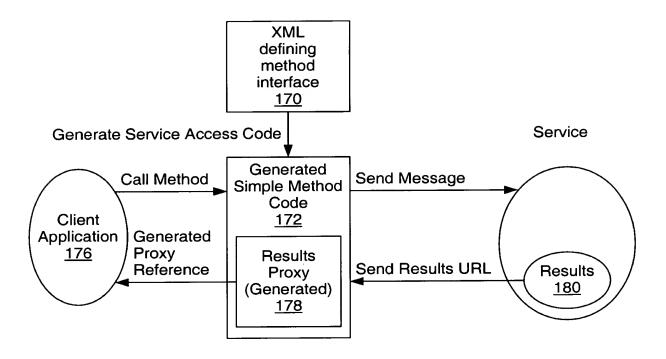


Fig. 14

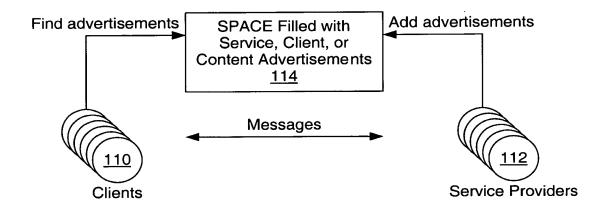


Fig. 15

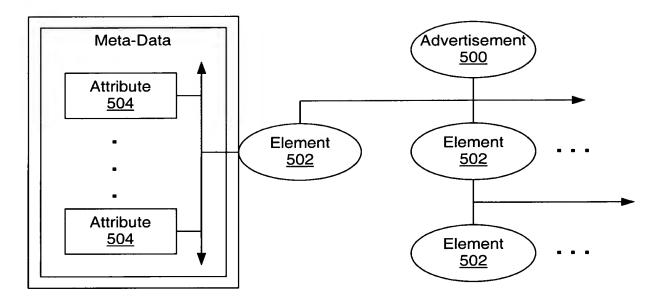


Fig. 16

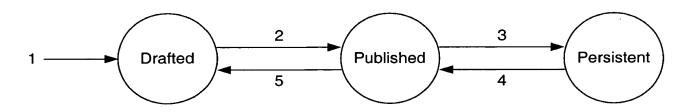
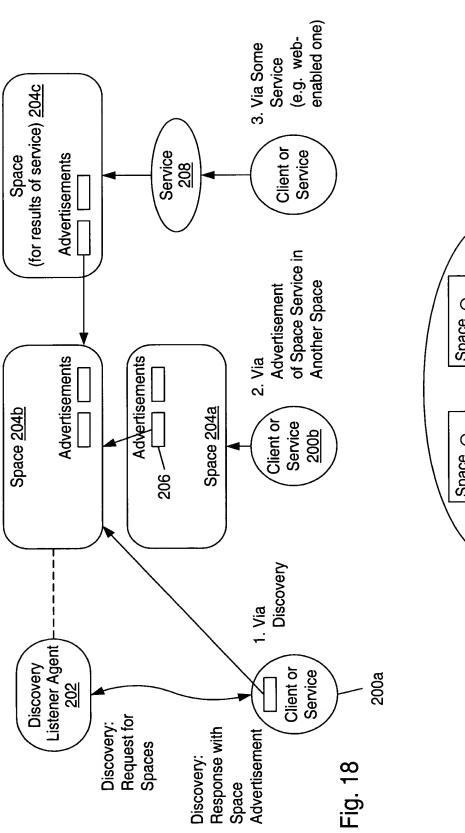
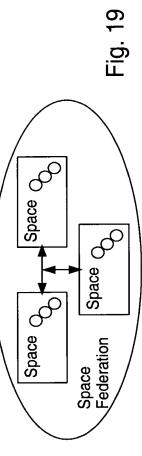


Fig. 17





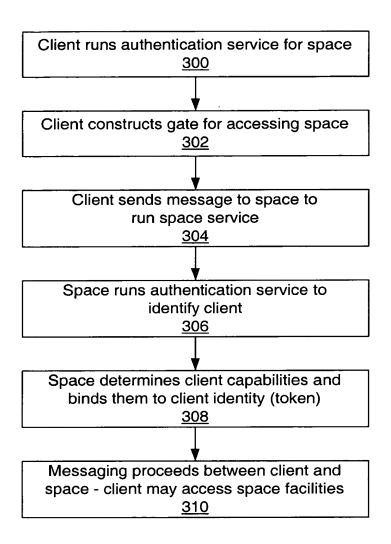


Fig. 20

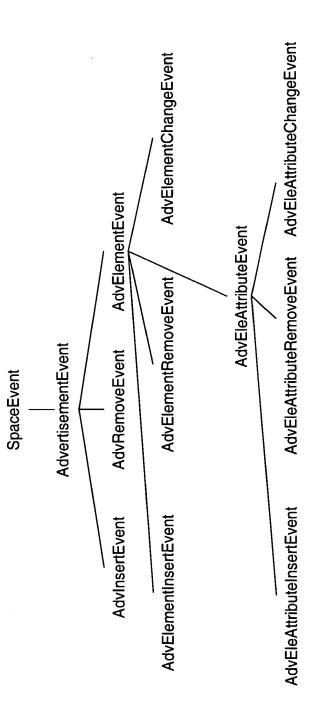
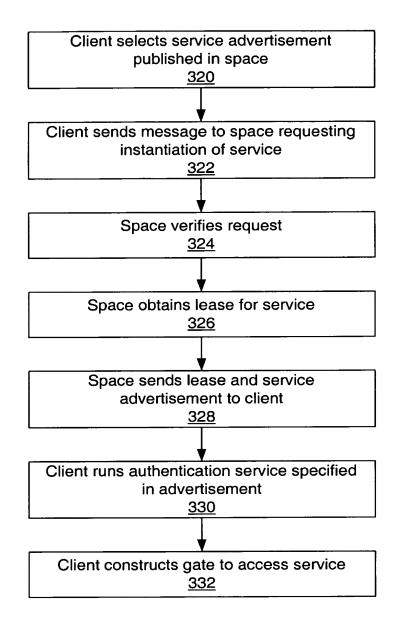


Fig. 21



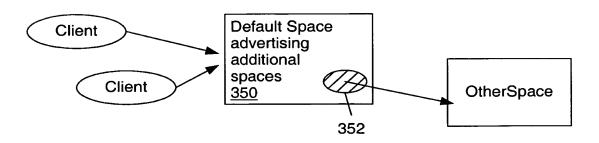
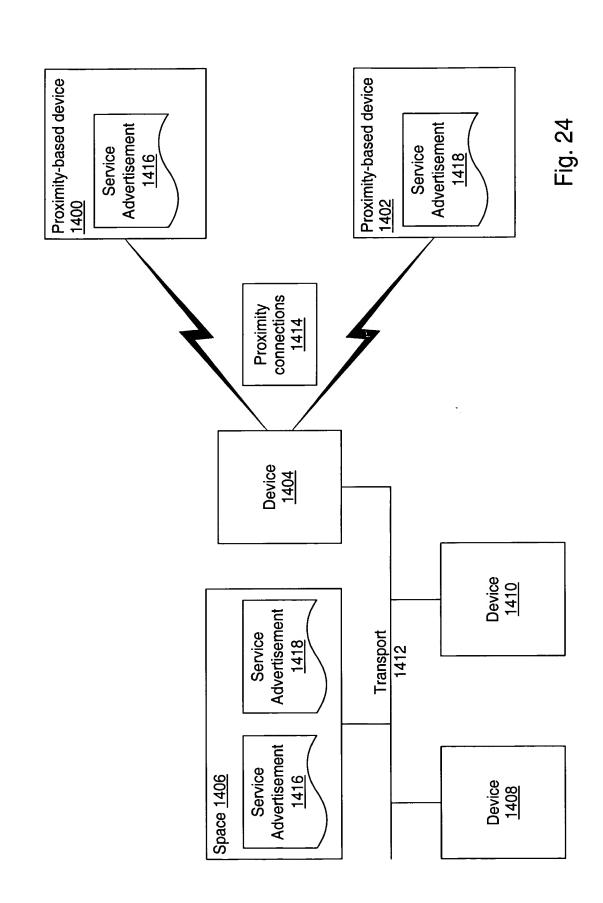


Fig. 22

Fig. 23



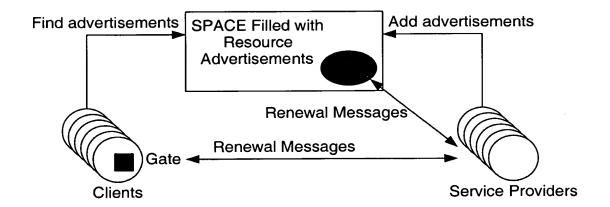


Fig. 25

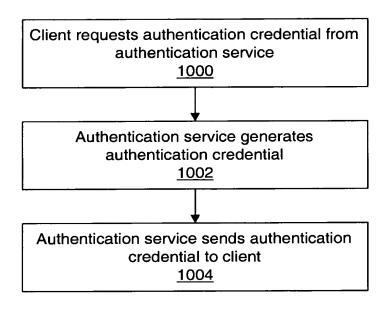


FIG. 26a

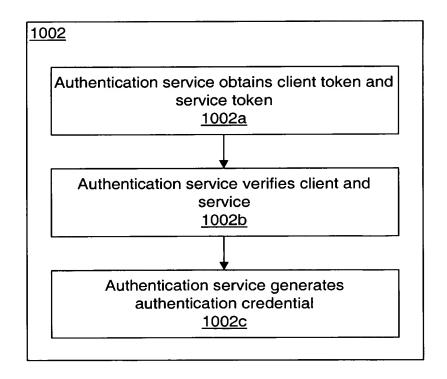
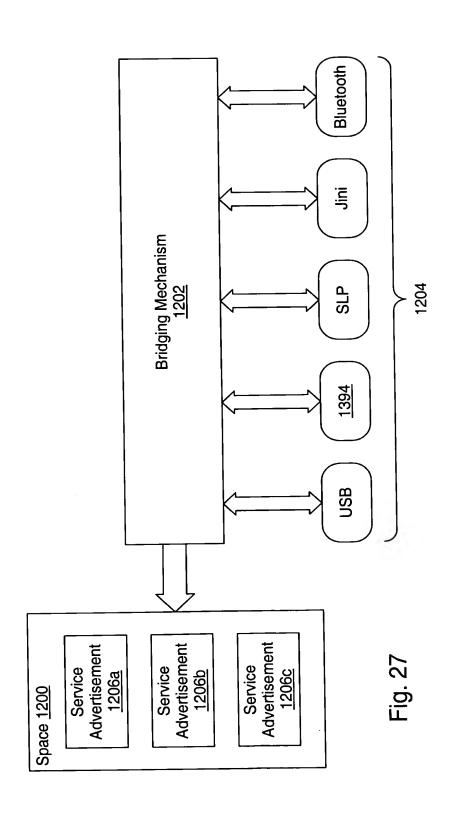
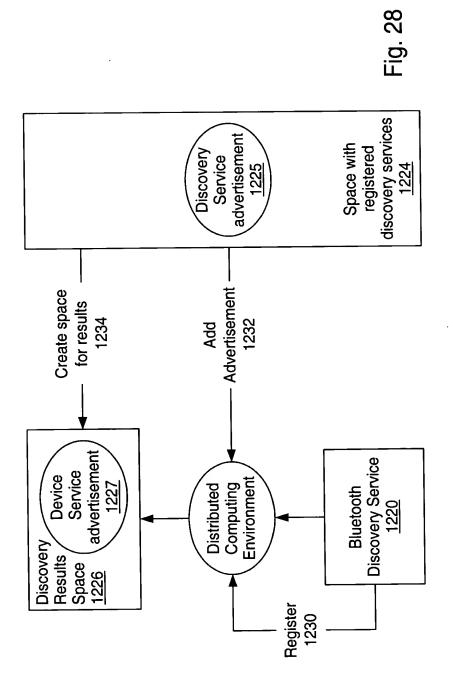
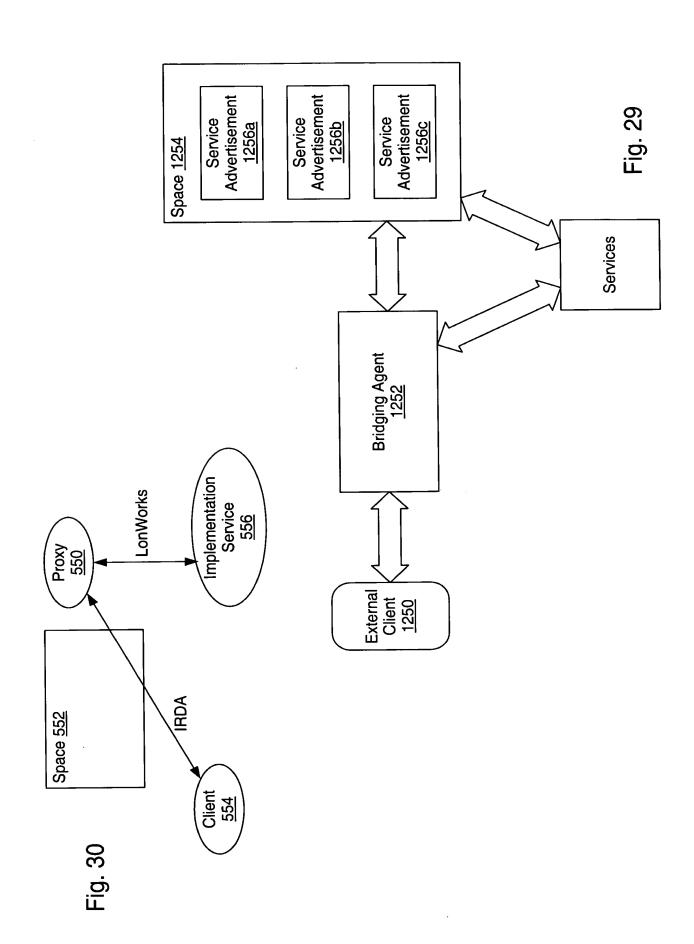
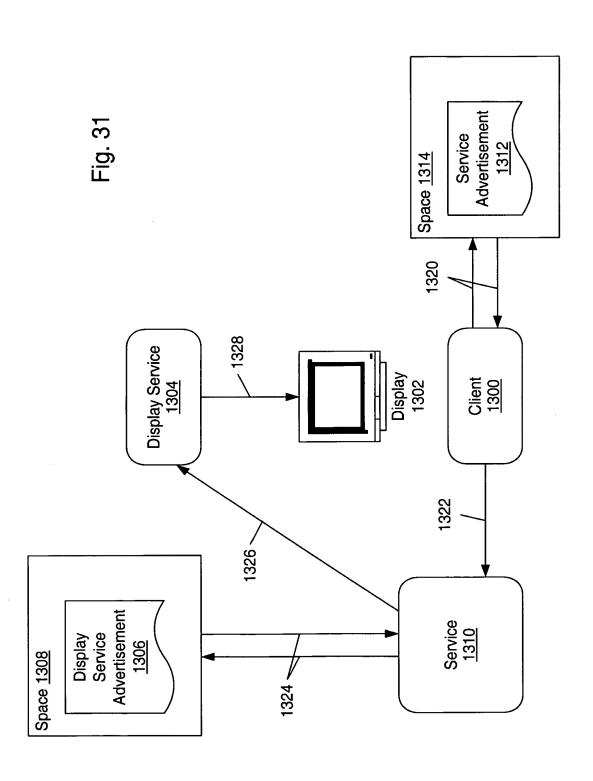


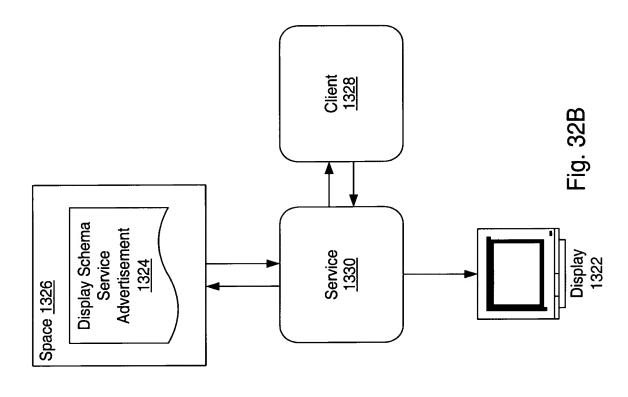
FIG. 26b

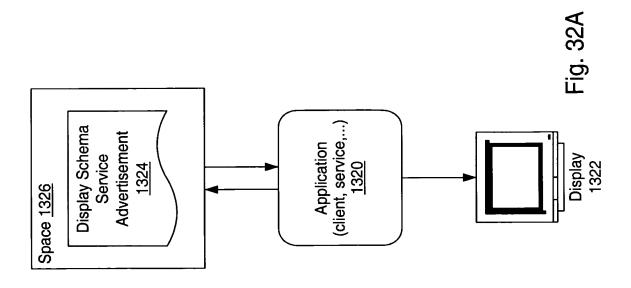


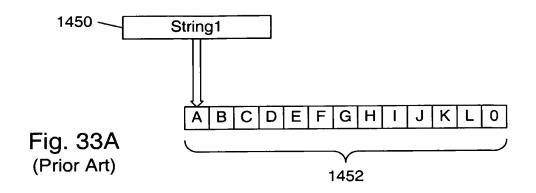


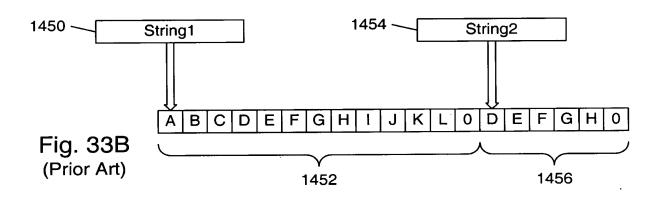


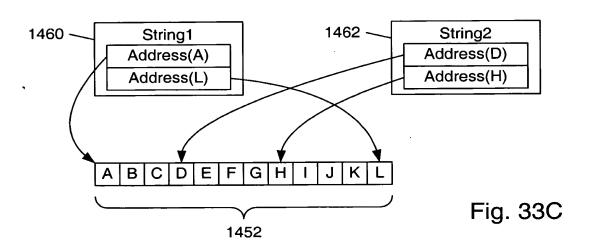












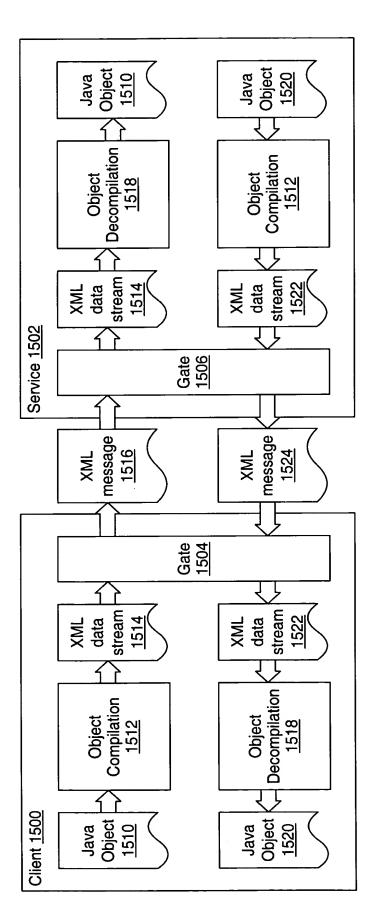


Fig. 34

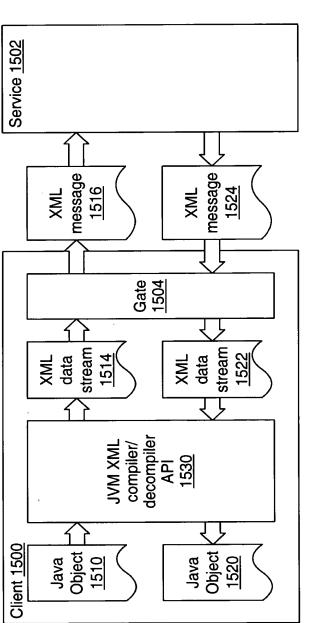


Fig. 35a Service 1502 message message XML 1516 XML 1524 stream 1522 stream 1514 XML data data XML JVM XML compiler/ decompiler API 1530 Gate 1504

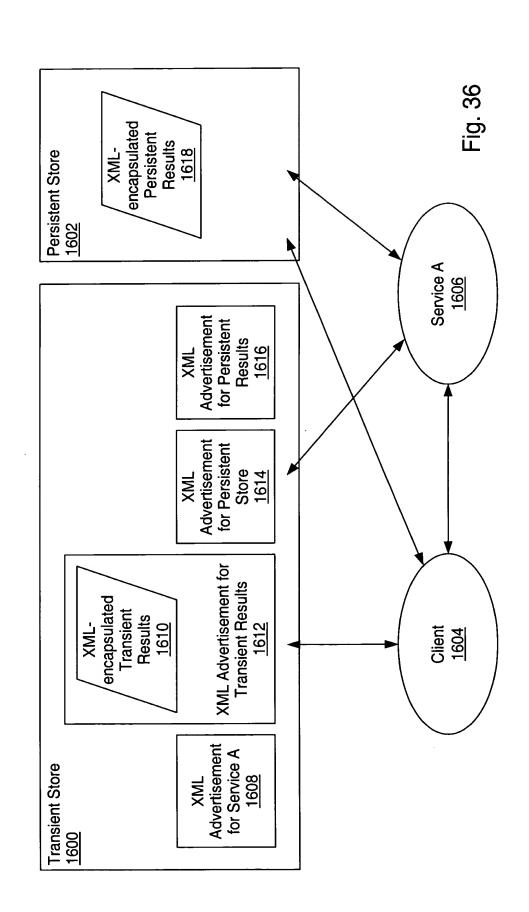
Java Object 1510

Client 1500

Object 1520

Java

Fig. 35b



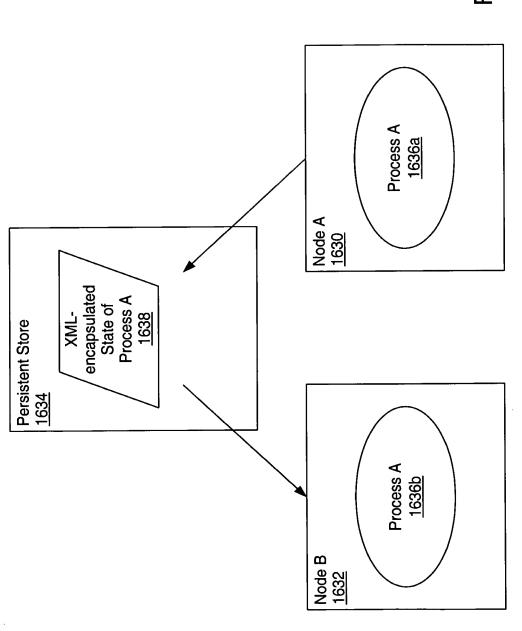


Fig. 37

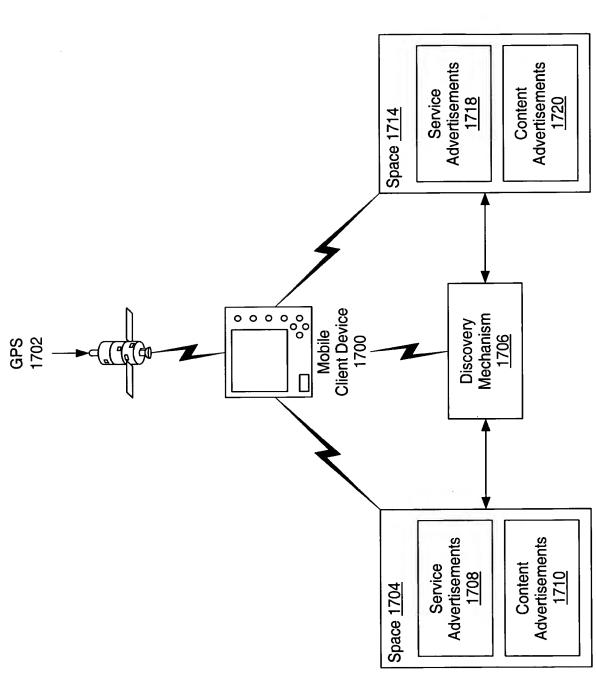
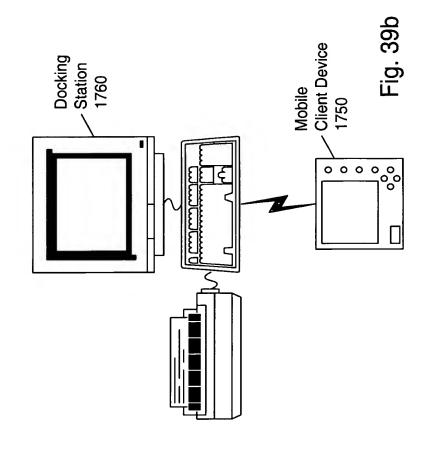


Fig. 38



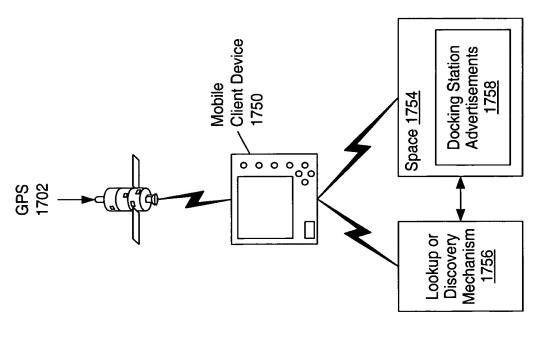
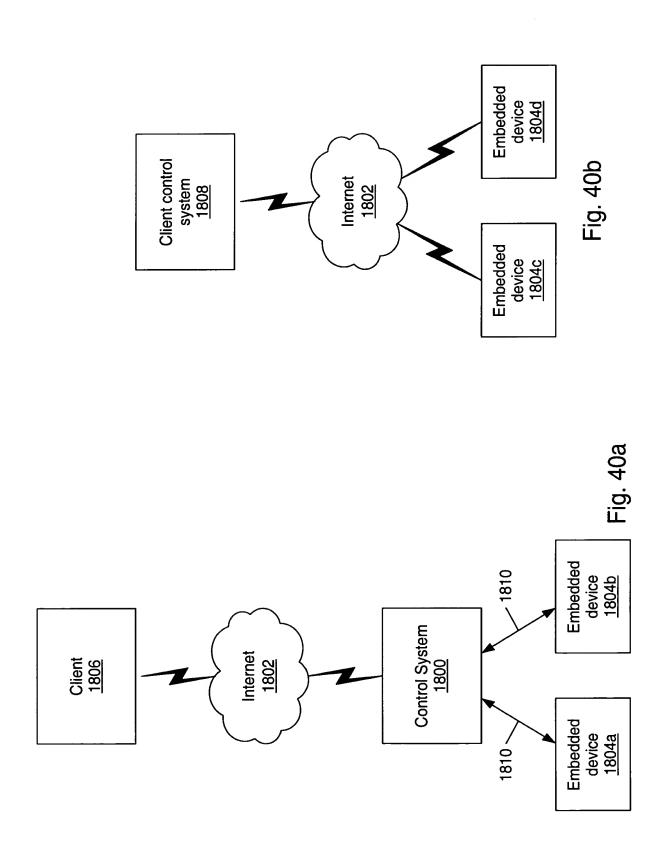


Fig. 39a



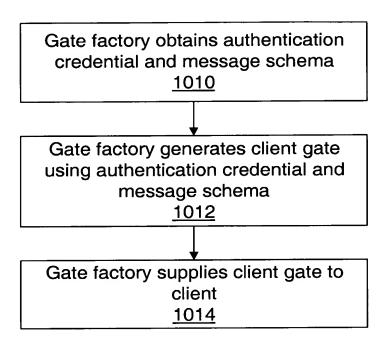
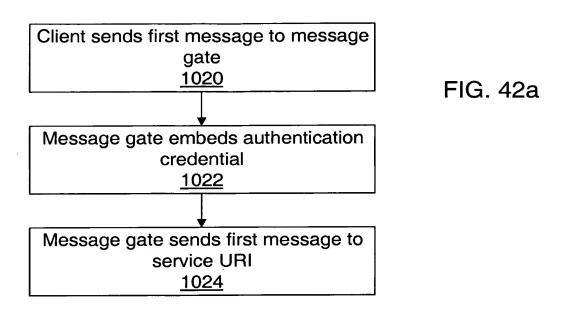
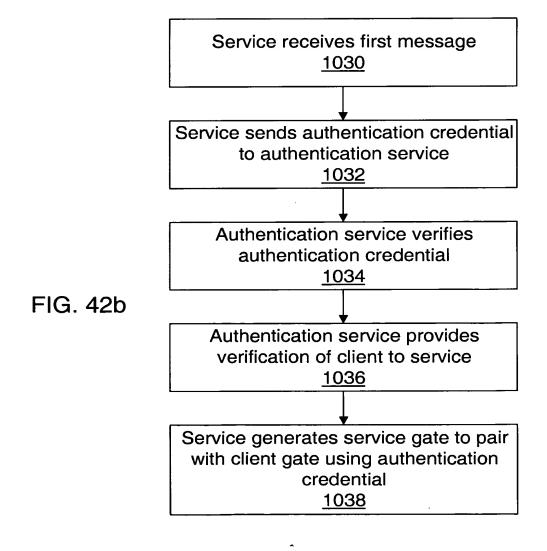


FIG. 41





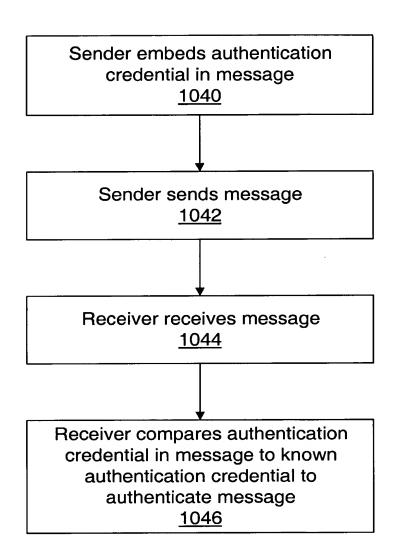


FIG. 42c

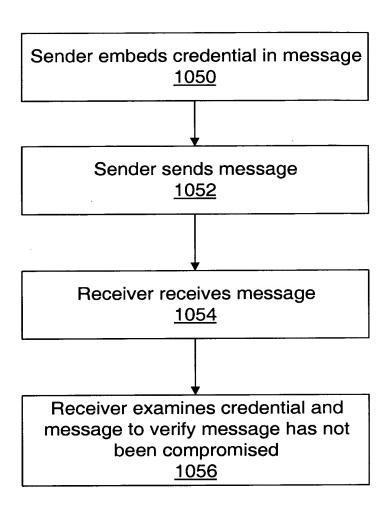


FIG. 43

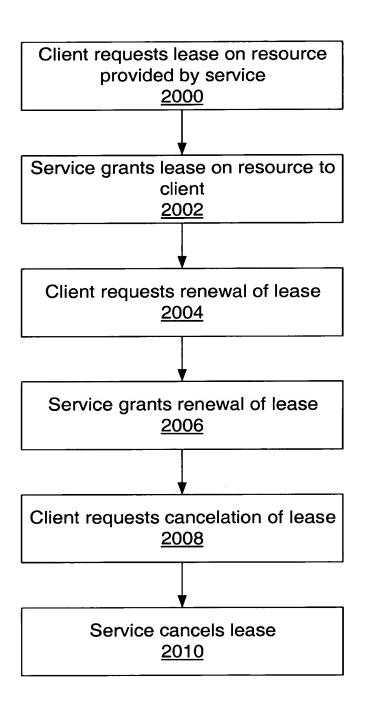


FIG. 44